

SUBJECT: POWER PLANT, INSPECTION OF CONSTANT SPEED PROPELLER INSTALLATION

AIRCRAFT AFFECTED: BEECHCRAFT Musketeers, Model A23-24, serials MA-185, MA-188 through MA-192, MA-195 through MA-199, MA-201, MA-210, MA-212, MA-214 through MA-216, MA-219, MA-222, MA-227 through MA-230, MA-236, MA-240, MA-243, MA-246 through MA-248, MA-254, MA-259, MA-260, MA-263, MA-266 through MA-268, MA-280, MA-283, MA-287 through MA-295, MA-297, MA-298, MA-301 through MA-304, MA-306, MA-310 through MA-312, MA-314 through MA-316, MA-318, MA-326, MA-329 through MA-331, MA-334, which are equipped with constant speed propeller P/N 2D34C8/78FB-1.5

REASON FOR INSPECTION: To prevent elongation of propeller spinner bulkhead attachment bolt holes.

ACCOMPLISHMENT: As soon as is possible after receiving these service instructions.

DESCRIPTION: On BEECHCRAFT Musketeers, model and serials noted above, it is recommended that the propeller spinner installation be inspected to determine that fiber washers are not installed on any of the bolts fastening the spinner bulkhead to the propeller hub, and that no washers are installed between the bulkhead and hub.

The inspection should be performed as follows:

1. Remove the spinner and remove the AN3-6A/M/ bolts attaching the spinner bulkhead to the propeller hub to determine if fiber washers have been used on the bolts or if washers have been installed between the hub and the bulkhead. (See the illustration below for a picture of the proper installation.) If there are no washers installed between the hub and the bulkhead, and if no fiber washers have been used, no further action is necessary, and the bulkhead and spinner may be reinstalled.
2. If washers are installed between the hub and bulkhead, or if fiber washers have been used on the AN3-6A/M/ bolts, inspect the bulkhead for elongation of the mounting bolt holes and the bolts for wear (removing the propeller, if necessary). If the holes are not elongated, or if elongation does not exceed .030 inch and the bolts are not worn, no further action is necessary, and the propeller and the bulkhead and spinner assembly

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- (a) BEECHCRAFT Aero or Aviation Centers and International Distributors and Dealers.
- (b) Owners of record on the FAA Registration list and the

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may be reinstalled, making sure that no washers are used between the hub and the bulkhead and that no fiber washers are used on the bulkhead attach bolts.

3. If the mounting holes in the bulkhead are elongated more than .030 inch, it will be necessary to replace the bulkhead, P/N D3686, with a new bulkhead of the same part number.

Should replacement of the spinner bulkhead be necessary, the following parts should be ordered:

PART NUMBER	DESCRIPTION	QUANTITY
D3686	Propeller Spinner Bulkhead	1
AN3-6A/M/	Bolt	12
A1638-5	Washer (Fiber; used between spinner and heads of spinner screws only)	22
A1638-7	Washer	24
A1639-4	Nut	12

After complying with these service instructions, make an appropriate entry in the aircraft log book and return the attached compliance card to Beech Aircraft Corporation.

